

7000 GeV pp

Underlying Event

 $\Sigma(E_T) (0.8 < |\eta| < 1.6, p^{ch(neutral)} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$ 10^{-1} 10^{-2} 10^{-3}

■ ATLAS

—△ Pythia 6.428 370

- -△ Pythia 6.428 373

- -○ Pythia 6.428 374

- -○ Pythia 6.428 375

- -△ Pythia 6.428 381

- -▽ Pythia 6.428 382

(ATLAS_2012_I1183818)

Ratio to ATLAS

2

1

0.5

0

10

20

30

40

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5